Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8 I	8-15 	16-25 	26-35 	>35 		
1B: Colo	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur privet	 Washington hawthorn, blue spruce, white fir, eastern arborvitae, Austrian pine		 pin oak 		
Ely	 	 	 	 			
1: Sparta	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	 		
1B: Sparta	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	 		
1C: Sparta	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	 		
1D: Sparta	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 	 		
1: Vesser	 	 	 	 			
4: Zook	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur privet	 Washington hawthorn, blue spruce, white fir, eastern arborvitae, Austrian pine		 pin oak 		

Map symbol	 	Trees having predic	ted 20-year average h	eight, in feet, of	
and soil name	<8	8-15 	16-25 	26-35 	>35
63B: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 	
63C: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac		 Austrian pine, jack pine, red pine 	 - eastern white pine - -	
63D: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	
63F: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 - eastern white pine -	
65E2: Lindley	 	 	 	 	
65F: Lindley	 	 	 	 	
65F3: Lindley	 	 	 	 	
83B: Kenyon	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	

Map symbol	[[Trees having predicted 20-year average height, in feet, of						
and soil name	\ <8	8-15	16-25	26-35 	>35			
83C: Kenyon	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	 eastern arborvitae, eastern redcedar, Amur maple, blue spruce		 			
83C2: Kenyon	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce	Russian olive, common hackberry, green ash, eastern white pine	 			
83D: Kenyon	 		eastern arborvitae, eastern redcedar, Amur maple, blue spruce	Russian olive, common hackberry, green ash, eastern white pine	 			
83D2: Kenyon	 		eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 			
84: Clyde	 	 American plum, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood			
109C: Backbone	 Siberian peashrub, common lilac 	 eastern redcedar, silver buffaloberry 			 			

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	 <8 	8-15 	16-25 	26-35 	>35 		
110B: Lamont	 common lilac 	Russian olive,	 Amur maple, common hackberry, red pine, eastern white pine, green ash	honeylocust	 		
110C: Lamont	 common lilac 	- · · · · · · · · · · · · · · · · · · ·	 Amur maple, common hackberry, red pine, eastern white pine, green ash	honeylocust	 		
118: Garwin	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir, Austrian pine	eastern white pine	 pin oak 		
119: Muscatine	 - silky dogwood -	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
119B: Muscatine	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
120: Tama	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
120B: Tama	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15 	16-25 	26-35 	>35 		
120C: Tama	 - silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
120C2: Tama	 - silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
122: Sperry	 -	 	 	 	 		
127: Wiota	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
133: Colo	 - silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, white fir, eastern arborvitae, Austrian pine		 pin oak 		
l59: Finchford	 - Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	 		
L62B: Downs	 - silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	 <8 	8-15	16-25 	26-35	>35 		
62C: Downs	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
62C2: Downs	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
62D: Downs	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
62D2: Downs	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	· · · · · · · · · · · · · · · · · · ·	Norway spruce	 pin oak, eastern white pine 		
63B: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
63C: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
63C2: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		

Map symbol	I I	Trees having predicted 20-year average height, in feet, of						
and soil name		8-15	16-25 	26-35 	>35 			
l63D: Fayette	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine			
63D2: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 			
l63E: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine			
63E2: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 			
63F: Fayette	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 			
63F2: Fayette	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 			
.63G: Fayette	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine			

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8 	8-15 	16-25 	26-35 -	>35 		
1B: assett	 	 	 		 		
71C:	 -	 	 	[
assett							
1C2:	 	 	 	 	 		
				į į			
71D: Bassett	 	Siberian peashrub, common lilac, gray dogwood, redosier dogwood		Russian olive, common hackberry, green ash, eastern white pine	 		
71D2: Bassett	 	 	 	 	 		
75: Dickinson	 Amur honeysuckle, Siberian peashrub, common lilac		 Austrian pine, jack pine, red pine, eastern white pine	i i	 		
75B: ickinson	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine, eastern white pine	i i	 		
75C: Dickinson	Siberian peashrub,	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	pine, red pine,	 	 		
77: Saude	 Siberian peashrub, common lilac 	 Manchurian crabapple, common hackberry, eastern redcedar	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust		 		

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8	8-15	16-25	26-35	>35 		
⁷ 7B:	 			 	 		
Saude	- Siberian peashrub, common lilac 	Manchurian crabapple, common hackberry, eastern redcedar 		 	 		
77C: Saude	 Siberian peashrub, common lilac 	 Manchurian crabapple, common hackberry, eastern redcedar	=	 	 		
78: Waukee	 -		 	 	 		
78B: Waukee	-	 	 	 	 		
84B: Klinger	 	 common lilac, redosier dogwood	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 		
98B: Floyd	i - 	 common lilac, redosier dogwood 	eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 		
07C: Whalan	Siberian peashrub, common lilac, cotoneaster			<u> </u>	 		

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8 	8-15 	16-25 	26-35 	>35 		
714C: Rockton	Siberian peashrub, common lilac, cotoneaster	 eastern redcedar 	 Manchurian crabapple, Russian olive, common hackberry, eastern white pine, green ash, jack pine		 		
20: Nodaway		i !	i 	i !			
21B: Palms	common ninebark, silky dogwood, whitebelle honeysuckle		 tall purple willow 	 black willow, golden willow 	 imperial Carolina poplar 		
26: Lawler	 			eastern white pine,	 silver maple 		
84: Flagler	Amur honeysuckle, Siberian peashrub, common lilac		pine, red pine,		 		
84B: Flagler	Amur honeysuckle, Siberian peashrub, common lilac		 Austrian pine, jack pine, red pine, eastern white pine		 		
85C: Burkhardt	 	 	 	 	 		
91: Atterberry	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		

	Trees having predicted 20-year average height, in feet, of						
Map symbol and soil name	 <8 	8-15 	16-25 	26-35 	>35 		
293C: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 eastern white pine 	 		
Lamont	 		eastern redcedar, osageorange	 Austrian pine, red pine, Norway spruce 			
Fayette		cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
293D:					 		
Chelsea 	Amur honeysuckle, Siberian peashrub, common lilac	Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	Austrian pine, jack pine, red pine 	eastern white pine 	 		
Lamont	 		eastern redcedar, osageorange	 Austrian pine, red pine, Norway spruce 			
Fayette	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
293F: Chelsea	 Amur honeysuckle, Siberian peashrub, common lilac	 Washington hawthorn, autumn olive, eastern redcedar, radiant crabapple	 Austrian pine, jack pine, red pine 	 - eastern white pine - -	 		
Lamont	 	 	 	 	 		

Map symbol	Trees having predicted 20-year average height, in feet, of						
and soil name	<8 	8-15 	16-25 	26-35 	>35 		
Fayette	 silky dogwood 	 American cranberrybush, Amur honeysuckle, Amur privet	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 		
)2B:	 	1	 	 			
Coggon	 	Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern arborvitae, eastern redcedar, Amur maple, blue spruce	Russian olive, common hackberry, green ash, eastern white pine	 		
02c: Coggon	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern redcedar,	 Russian olive, common hackberry, green ash, eastern white pine	 		
02C2: Coggon	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	 - eastern arborvitae, eastern redcedar, Amur maple, blue spruce	 Russian olive, common hackberry, green ash, eastern white pine	 		
l5: Fluvaquents	 	 	 	 	 		
50: Waukegan	 	 	 	 	 		
00B: Jaukegan	 	 	 	 	 		
52B: Whittier	 Amur honeysuckle, Siberian peashrub, common lilac 		 Austrian pine, jack pine, red pine, eastern white pine 	 	 		
77B: insdale	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern redcedar, Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	 		

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of				
	<8 	8-15 _	16-25 	26-35 	>35
377C: Dinsdale	 			 	
377C2: Dinsdale	 		Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	
382: Maxfield	 	 American plum, redosier dogwood 	Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood
391B: Clyde	 	 American plum, redosier dogwood 	 Amur maple, eastern arborvitae, white spruce, common hackberry, tall purple willow	 golden willow 	 green ash, silver maple, eastern cottonwood
Floyd	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine
398: Tripoli	 	 Siberian peashrub, common lilac, eastern arborvitae	bur oak, white	 green ash, golden willow, honeylocust 	
399: Readlyn	 	 - common lilac, redosier dogwood 	maple, blue spruce	eastern white pine,	 silver maple

Map symbol	Trees having predicted 20-year average height, in feet, of					
and soil name	<8	8-15 	16-25 	26-35 	>35	
407B:						
Schley						
408B:						
Olin						
408C:						
Olin						
412C:						
Sogn						
412D:						
Sogn						
412F:						
Sogn						
420: Tama	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 	
420B: Tama	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 	
426B:						
Aredale						
426C:						
Aredale						
428B:						
Ely						

Map symbol and soil name	 	Trees having predict	ted 20-year average h	eight, in feet, of	
	<8 I	8-15 	16-25 	26-35 	>35
185: Spillville	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine
36: Hanlon	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine
27: Udolpho	 common ninebark, nannyberry, redosier dogwood, silky dogwood	 American cranberrybush, eastern arborvitae	 balsam fir, white spruce 	 green ash, red maple, silver maple, white ash	
29B: Nodaway	 	 	 	 	
Radford	 silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine
71B: Jaubeek	 		eastern redcedar,	 Russian olive, common hackberry, green ash, eastern white pine	
71C: Waubeek	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern redcedar,	 Russian olive, common hackberry, green ash, eastern white pine	
71C2: Waubeek	 	 Siberian peashrub, common lilac, gray dogwood, redosier dogwood	eastern redcedar, Amur maple, blue	 Russian olive, common hackberry, green ash, eastern white pine	

Map symbol and soil name		Trees having predicted 20-year average height, in feet, of				
	<8	8-15	16-25 	26-35 	>35 	
78: Sattre	 - Siberian peashrub, common lilac	crabapple, common	 	 	 	
8B: attre	- Siberian peashrub,	crabapple, common	 Russian olive, bur oak, green ash, eastern white pine, jack pine, honeylocust	 	 	
2B: onnan	 		 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 	
2C2: onnan	 	 common lilac, redosier dogwood	 eastern arborvitae, white spruce, Amur maple, blue spruce	eastern white pine,	 silver maple 	
43: remer	 		 	 		
88: evin	 - silky dogwood 	cranberrybush, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, easterr white pine 	
19: uscatine	 - silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, easterr white pine 	

Map symbol	Trees having predicted 20-year average height, in feet, of					
and soil name	 <8 	8-15	16-25 	26-35 	>35 	
1133: Colo	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, white fir, eastern arborvitae, Austrian pine		 pin oak 	
1160: Walford	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, white fir, eastern arborvitae, Austrian pine		 pin oak 	
1291: Atterberry	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 	
1485: Spillville	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 	
1688: Koszta	 silky dogwood 	cranberrybush, Amur honeysuckle, Amur	 Washington hawthorn, blue spruce, eastern arborvitae, white fir	Norway spruce	 pin oak, eastern white pine 	
5030: Pits, Limestone Quarry	 		 	 		
5040: Orthents	 		 	 	 	